CHUNGHOP®

RM-L14

14 in 1

UNIVERSAL

REMOTE

LEARN

FUNCTION

CHUNGHOP®

UNIVERSAL REMOTE

LEARN FUNCTION

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CATALOGUE

English ..... 1~5

Code form ..... 16~40

AUX	CODE
MARANTZ	0292
MASTER	0675(HIFI)
METRONIC	0044(HIFI),0060
METZ	0296(VTL)
MITSUBISHI	0296(VTL)
M-NET	0461,0489
NECKERMANN	0304(TLV)
NECSTAR	0718(VCD)
NIWA	0964(VCD)
NORDMENDE	0311(TLV)
ONKYO	0742(CD),0802
ORIENT	0782,0803,0910,0896(HIFI),
OTHERS	0586,0661,0665
OTTO VERSAND	0296(VTL)
PANASONIC	0684
PHILCO	0305(VT)
PHILIPS	0292,0293(CD),0294,0295
PILIPPO	0696(VCD)
PIONEER	0306,0307,0819(VCR),0864(CD)
PREMIER	0743(CD),0783,0785,0791,0796,0798,0804, 0815,0965,0669(VCD),0671(VCD),0808(HIFI), 0860(CD)
ROADMASTER	0958(HOM)
SABA	0311(TLV)
SAMSUNG	0799
SCHNEIDER	0814
SELECO	0461
SEPTIMO	0060
SHARP	0308
SHOV	0743(CD),0792(HIFI),0793,0805,0807, 0809(HIFI),0816(HIFI)
SHOW	0671(VCD)
SIEMENS	0296(VTL),0304(TLV)
SKY TELEVISON	0399
SKYMASTER	0097
SONY	0301,0302
SOWTECH	0301
STREAM	0909
SUNNY	0671(VCD),0780(HIFI),0781,0785,0786,0787, 0790(HIFI),0798,0800,0809
TANDBERG	0311(TLV)
TEAC	0309
TECHNOVA	0718(VCD)
TECHWOOD	0659
TELE+	0461,0999
TELEFUNKEN	0305(VT),0677,0818
TELESERVICE	0296
TELESTAR	0312
THOMSON	0310,0311(TLV)
THORN FERGUSON	0292,0293(CD),0294,0295,0296(VTL), 0301(MDP)
UNIVERSUM	0296(VTL),0298(PA),0299(AUX),0304(TLV), 0305(VT)
VESTEL	0806,0816(HIFI)
YAMAHA	0313,0795

CHUNGHOP®

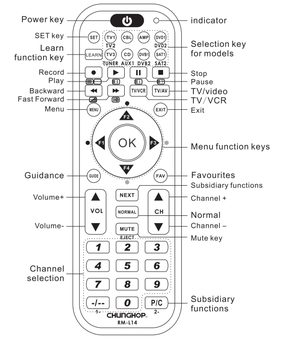
RM-L14

UNIVERSAL REMOTE LEARN FUNCTION

Product introduction

This product is an intelligent remote control integrating the latest technology. With simple setup, it ensures you easy and combined control over your daily-used appliances, such as TV set, STB, DVD and audio equipment etc. Its innovative digital reproduction technology enables you to fully transfer and integrate the functions of your original remote controls. It is your best choice to replace any lost or damaged remote control as well as to integrate several remote controls.

Description of the control panel



Cautions on Battery Use:

※Never mix different types of batteries, or an old battery with a new one;

※In case of battery leakage, the batteries must be taken out, and the battery compartment should be cleaned before new batteries are installed;

※If you are not going to use this remote control for a long time, please make sure to take the batteries out from the compartment.

Composite device switching

Composite device: a device key containing two device pages; 6 device keys in total have such function. Method:

TV1 (TV2)	**TV3 (TUNE)**	**DVD1 (DVD2)**
SAT1 (SAT2)	**CD (AUX1)**	**DVB1 (DVB2)**

Press a composite device key once to select the device outside the brackets, the indicator light flashes once; press the key twice swiftly and successively, the indicator light flashes twice and the device inside the brackets is selected.

Take "TV1" key for example. Press "TV1" key to select the device "TV1", the indicator light flashes once; press the "TV1" key twice swiftly and successively, the indicator light flashes twice and the remote control switches to "TV2" device.

Setting of the remote controller

A.How to Enter Codes

1.Look up the first set of Code of the home appliance that you wish to control on the Code Chart. For Example: If your first TV set is an AWA, the first set of Code shall be 0102.

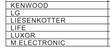
TV	CODE
AUDIOSAT	0252
AWA	0102,0105,0155, 0161,0167,
BAIRD	0209,0236

2.Press and hold the "SET"Button, and then press the "Select Equipment" Button to set the mode to your desired home appliance. For Example: Press the "SET"Button and "TV1" Button to set the mode to your first television set.

3.When the Indicator Light is switched on, release the Settings" Button and "TV1" Button at the same time.

4. Input the four-digit Code 0102 in the order as seen on the Code Chart.
Note: The Indicator Light will flash once each time you input a single unit

5. After you have completed inputting the Code, the Indicator Light will switch off.



6. Check to see if the other buttons can be operated normally. If the buttons can be operated normally, Settings is successful. If the buttons cannot be operated normally, please repeat Steps 2 to 5.

SAT	CODE
UEC	1220
ULTRAVOX	0377
UNIDEN	0392,0393
UNITOR	0339
UNIVERSUM	0319,0320,0322,0323,0326,0327,0350
UPC	1226,1120,1135
V TECHNOLOGY	0363
VANTAGE	1385
VENTANA	0315,0318
Versatel	1121
VESTEL	0530,0585,0587,0687,0922,1299,1306,1307,1368,1387, 1389
VISION	1194
VISIONET	1240
VISIOSAT	0374
VORTEC	0361,0362,0406
WINERSAT	0353,0359,0374
WINSON	1339
WISI	0322,0341,0342,0355,0390
WIZJA TV	1185
WORLDSAT	0492,0650,0651,0654,0655,0656
XCOM	0492
XSAT	0492,1196,1200,1208,1209
XTERME	1298
YELEFUNKEN	0938
YENICAG	0436,0479,0574,0586
YES	0765
YONSAT	0522
YUMATU	0917
YUMATU	0375,0387,0394,0419,0450,0454,0557,0919,1300,1301, 1339,1372
ZAHAV	0749
ZEHNDER	0341,0375
ZIRKWTEL	0564
ZODIAC	0746,0751,0766,0772

AUX	CODE
AIWA	0586,0589,0661,0665,0812(HIFI)
AKAI	0296(TLV),0806,0816(HIFI)
ARCELIK	0784,0794,0797,0810,0817
ASA	0298,0299(AUX)
ASTRELL	0060
BAUR	0296(PIP)
BEKO	0720,0784,0794,0797,0810,0817
BLAUPUNKT	0296(PIP),0304(TLV)
BOTS	0967(HIFI),0968(HIFI),0969(HIFI)
CGE	0305(VT)
COMPACT	0461
CONCRYPT	0461
CPREMIER	0669(VCD)
CROSLEY	0302(VT)
DAEWOO	0668
DUMONT	0298(PA),0299(AUX)
FILMNET	0461
FINLUX	0298(PA)0299(AUX),
FUJITEC	0669(VCD),0671(VCD)
GOLDSTAR	0298
GRUNDIG	0296(TV),0297(AV),0948,0949
HITACHI	0311(TLV)
IMPERIAL	0305(VT)
JVC	0788,0789,0801(HIFI),0813
KAWAI	0688,0663(VCD),0667(VCD),0669(VCD), 0670(VCD),0671(VCD),0811(HIFI)
KENWOOD	0314(CD)
LG	0720
LIESENKOTTER	0304(TLV)
LIFE	0304(TLV)
LUXOR	0293
M ELECTRONIC	0298(PA),0299(AUX)

SAT	CODE
Sharp	1139
SIEMENS	0319,0320,0322,1335
Sigma	1134,1180
SILVA	0363
SIMKO	0429
Skantin	1133
SKY	1238,1292
Sky Box	1134
SKY CABLE	1115
Sky master	1132,1133
SKY PLUS	1343
SKY TELEVISON	0399
SKYLAB	0339
SKYMASTER	0092,0093,0095,0096,0098,0099,0365,0679,0681,0986, 0987,0989,0990,0991,0992,0993,0994,0995,0997,0998, 0999
SKYMAX	1216
SM Electronic	1132,1156,1157
Sodel	1117
SOLAVOX	0350
SONY	0317,0398,1127,1162,1175,1373
STAR DIJITAL	0433
STAR SAT	0939,1348
STELLA	0359
STREAM	0745,0778
STROM	0565,1353
STRONG	0370,0394,0398,0425,0447,0448,0562,07641118,1205, 1326,1375
STVI	0386
SUCA	1344
SUNNY	0454,0487,0522,0524,0529,0558,0761,1293,1298
SUPER MAX	0971
SUPER MAX SUPERSON	1318,1321,1367
SUPEX	0408,1321
TAGRA	0355
TAHNON	0354,0057
TAKWANG	0443
TANDBERG	0315
TANTEC	0368
TAPLIN	1384
TCM	1153,1154
TECH	1217
TECHNISAT	0348,0349,0362,0378,0390,1198,1212
TECHNOMATE	0757
TECHNOSAT	0377,0973,1365,1388
TECHSTAR	0913,1338
TECHVIEW	1217
TELE+	0398
TELECOM	0359,0377,1192
TELEFUNKEN	0926,1335
TELEMASTER	0447,0448
TELESERVICE	0296,0312,0319
TELESYSTEM	0364
TELETEK	1345
TELEWIRE	0767
TELKOM	0530,0687,0747,0748,0773,1299,1307
TELPAS	0915,1334
TEMPO	0408,0430,0431,0525,0526
TENSAI	0326
TERMAL	0402
TERMAL	0419,0426,0431,0432,0486,0687,0917,1299,1300,1301, 1307
TEVEL	0771
Tevion	1147,1151,1161
THOMSON	0330,0331,1126,1135,1136,1137,1145,1175,1183,1197, 1218
THORN FERGUSON	0315,0316,0319,0320,0323,0326,0329,0330,0331
THUNDERMAX	0300,0315,0390
TOCHIBO	0415,0521,1308,1353
TOFILD	0874,0681,0687
TOKAI	0402,0417
Top Up TV	1122,1131,1134
TOPFIELD	1207,1214,1297,1317,1374
TOSHIBA	0415,0440
TOSUMI	1239
TPS	0433
TPS ADSL	1123,1125,1126
TRIAD	0341,0363
TRIAX	0325,0348
TRIDENT	0936,1321,1378
TRISTAR	0370
TOFILD	0874,0681,0687
TRWAM TV	1179
TWINNER	0431

Setting of the remote controller

B.How to Search for Codes Manually

1.Switch on the Power Switch of the home appliance you wish to control (for example, television or recording machine) manually. Place the remote control directly at the receive window of the home appliance.

2.Press and hold the "SET" Button, and then press the 'Select Equipment" Button to set the mode to your desired home appliance.For example: Press the "SET"Button and "TV1" Button to set the mode to your first television set.

3. When the Indicator Light is switched on, release the Settings" Button and "TV1" Button at the same time.

4. Press and release the "SET"Button again. The Indicator Light will start to flash.

5. Press the " Power Source" Button continuously until the home appliances which you control switches off/ switches on. Then press the Select Equipment Button (for example "TV1") you have pressed in Step 2 again.

6.Switch on the home appliance which you have just switched off . Check to see if the other buttons on the Remote Control can be operated normally. If the buttons can be operated normally, Settings is successful. If the buttons cannot be operated normally, please repeat Steps 2 to 5, until you found the Code that is suitable for your home appliances.

C.How to Search for Codes Automatically

1. Switch on the home appliance you wish to control manually, and place the remote control directly at the receive window of the home appliance.

2. Press the Equipment Interface that you wish to Set, for example: "TV1" . The Operation Indicator Light will flash once.

3. Press and hold the "SET" Button. Then press the "Power Source" Button until the Operation Indicator Light lights up. Then, release the "SET" Button and the "Power Source" Button.

4. The Operation Indicator Light will start to flash. The Automatic Search Mode comes into operation.

5. When your television is shutting down, press the "Random" Button on the Remote Control immediately and lock in the Code.

6.Check to see if the other buttons on the Remote Control can be operated normally. For example: Press "Power Source" Button to see if the television can be switched off, and whether the television can be operated normally after Settings is completed. If the television cannot be operated normally, please repeat Steps 3 to 6.

Setting of the remote controller

Key learning function:

Setup method:

1. Press once the device key of the page to be learned, and then press and hold down "Learn" key for three seconds to start the learning function.

2. Horizontally aim the infrared emission window (usually refers to the infrared emission device installed on the front of a remote control) of the original remote control of the TV set at the infrared emission window of this remote control (with a distance of 2cm-5cm).

3. Press any function key of the original TV remote control and release it when the indicator light is continuously on; instantly, the data of the function key is copied and transmitted to this remote control.

4. Press the corresponding key in the TV area on the panel of this remote control; now the indicator light flashes again, and the above data has been instantly transferred to the selected corresponding key of this remote control! According to your needs, you may repeat steps 3-4 to copy and transfer the data of each key; when finish, press "SET" key to exit and cease the Remote Control Keys Copying and Transferring Function status.

※ Copying and transferring function has specific storage space; when the storage space is used up, the indicator light turns on and rapidly flashes five times, prompting that the copying and transferring function cannot be used.

If you want to clear copied and transferred information under a device of the remote control, please press tightly "SET" key and simultaneously press the said device key; then enter 9981 when the indicator light is on, and the information is cleared.

Code inquiring mode

After making manual automatic search of the code, perform the following steps and you will get the code that controls your home appliance device:

1. First press "device type selection" key of the home appliance device you search for (such as TV 1, VCR 1 etc.,) and the indicator will flash once in the meantime .
2. Push down "SET"key and do not release, then press number key "4"on the remote controller and pay attention to the times the indicator flashes. The flashing times of the indicator stands for the number at the units digit of a 4 digit code.
3. Push down "SET"key and do not release, then press number key "3"on the remote controller and pay attention to the times the indicator flashes. The flashing times of the indicator stands for the number at the tens digit of a 4 digit code.
4. Push down "SET"key and do not release, then press number key "2"on the remote controller and pay attention to the times the indicator flashes. The flashing times of the indicator stands for the number at the hundreds digit of a 4 digit code.
5. Push down "SET"key and do not release, then press number key "1"on the remote controller and pay attention to the times the indicator flashes. The flashing times of the indicator stands for the number at the thousands digit of a 4 digit code.

Note：In inquiry of a code，no flashing of the indicator means zero.

SAT	CODE
OKANO	0375
OLIMPIA	1349
OLYMPIC	0365
On-Digital	1122,1131
ONWA	1298
OPENBOX	1177,1294
OPENTEC	0930
OPENTELL	1195,1318
OPTEX	0374,0377,0379,0386,1133
OPTICUM	1180,1195
ORA	1298
Orange	1123,1126,1137
ORAVA/OTF	0315
ORBIT	0342
ORIENT	0943,1361
ORIGO	0338
ORION	1174
OTHERS	0048,0049,0050,0051,0079,0080
OTTO VERSAND	0319,0320
OXFORD	0367
PACE	0329,0330,0331,0332,0398,0438,0440,0469,0471,0472, 0481,0584,0649,0759,1175,1196,1208,1327,1331
Pacific	1144
Packard Bell	1164
PALCOM	0368
PALSAT	0370
PANASAT	0468,1220
PANASONIC	0320,0985,1208
Panasonic. National	1140,1141,1163
Pardy Light Box	1166
PATRIOT	0648
PEYSS	0934,1342
PHILIPS	0315,0316,0317,0362,1119,1175,1185,1188,1190,1210, 1215,1223,1231
PHILIPS(DIGITURK)	1303
PILOT	0377,0427,0460,0926,1345
PIONEER	0317,0398,0417,1175
PLANET	0338,0522,0528,0924,1333
Polsat	1135,1137,1177,1178,1183,1197,1199,1224,1232
PREMIER	0409,0415,0570,0914,0920,0927,0945,1119,1143,1163, 1309,1310,1311,1312,1314,1386
PREMIUM X	1201
PRO3	1147
PRO4	1151
PROSAT	0334,0335,0336
PROTEK	1203
QUADRAL	0334
RADIONETTE	0326
RADIX	0390,0457,1228,1237
RC	0395
RC 2	0303
REBOX	1129
REDIFFUSION	0360
REGAL	0687,1299
REX	1299
RITAR	0352,0353
ROADMASTER	0431,0454,0520,0529,0554,1298
ROADSTAR	0398
ROCH	0385,0386
SABA	0333
SAGEM	0433,1120,1123,1138,1150,1159,1167,1188,1199
SAKURA	0346
SALORA	0344,0350,0352,0353,0354,0355,1206
SALURA	0434
SAMSUNG	0341,0361,0362,0375,0752,0917,1121,1199,1224,1229, 1300,1301
SANGEAN	0414
SANSUI	0930,1318,1390
SAT	0321,0341
SAT PARTNER	0363
SATCOM	1329
SATEC	0331
SATECO	0377
SATELLITE	0348,0426
SCHNEIDER	0364
SCHWAIGER	0331
Schwaiger	1146
SEEMAN	0390
SEG	0747,0748,0773,1299
SEQUEL	0923,1304,1305
SEPTIMO	0065,0068,0069,0072
SERVISAT	0431,0747,0748,0773
SET	0428,0439,0483,0484,0485,1132
SETLUX	0573

SAT	CODE
JSR	0377
JVC	1144
KAON	1299
KATHREIN	0322,0364,0375,0376,0384
KENNEX	0398
KENWOOD	0398,1175
KOSMOS	0363,0375
KOTA	0317
KREISELMEYER	0322
KYOTO	0407,0410,0412,0480,0571,0576,0673,0679,0754,0934, 1314,1322,1323,1324,1342
LABGEAR	1130
LASAT	0412,0423,0451
LEADER	0923,1332
LEGEND	0398,0745
LEMON	1202
LENCO	0363
LENG	0374
LIDCOM	1128
LIFE	1203
LIFE SAT	1203
Lifetec	1147,1151
LOEWE	1383
LORENZEN INC.	0423,0450,0451,0452,0453,0454,0455,0456,0457,0458
LUXOR	0323,0328,0350,0351,0352,0353,0354,0355,0356,1206
M ELECTRONIC	0323,0326
MAGNUM	0415,0447,0448
MalignaTV	1123,1126
MANHATTAN	0377,0425,0447,0448,0449,0556,1350
MARANTZ	0315
MASPRO	0384,0389
MATAV	0370,0387,0394
Matsui	1128,1144,1170
MEDIACOM	1349
MEDIABOX	0398
MEDIASAT	0398
Medion	1147,1151
MEGA	0315,0452,0758
MEGASTAR	1317
MEMPHIS	0346,0373
METRONIC	0324,0373,0045,0046,0052,0053,0054,0055,0056,0057, 0058,0059,0062,0063,0065,0066,0067,0068,0069,0070, 0071,0072,0074,0075,0076,0078,0081,0082,0083,0084, 0085,0086
METZ	0319,0320,0322
Micromaxx	1147,1151
Microstar	1147,1151
MINISAT 1	0540,0756
MINTON	0933,1336
MITSUBISHI	0319,0322
M-NET	0339,0489
MORGAN	0361
MORGANS	1189
MULTICHOICE (SUNMOON)	0440,0470
MULTISTAR	0375
MURATO	0363
MUSTEK	1214
n	1222
NEC	0357,0360
NECKERMANN	0320
Neotion Box	1134,1180
NETA	0400,0401,0435,0437,0588,0970,1351,1364
NETWORK	0331
Neuf Telecom	1125
Neuf TV	1125
NEUSAT	1191
Neusat	1136
NEW STAR	1193
NEWORK	0419
NEXT	0395,0420,0518,0519,0521,0560,0664,0680,0928,1293, 1294,1295,1296,1377
NEXT STAR	1293,1298
NEXT START NOKIA	1321,1330
NEXT TIME	1369
NEXTSTAR	0753
NEXTWAVE	0395,0517,0538,0652,0942,1352,1380
NODA	0053,0054,0057
NOKIA	0324,0352,0353,0355,1122,1143,1206,1222,1236
NOOS	1120,1123,1135,1137
NOVA(YENICAG)	0436,0574,0586
NTW PLUS	1206
OCEANIC	1206
OCEANIC(ITT)	0350

Volume sharing

By setting this function, you can use the volume control under the TV device mode to control the TV device even if the remote control is not currently matched with such device.

Setting method:

※ Press and hold down "SET" key, and then press "DEVICE" key; now the indicator light is on; please enter the code 9901, and the volume sharing function is on;

※ Press and hold down "SET" key, and then press "DEVICE" key; now the indicator light is on; please enter the code 9902, and the volume sharing function is cancelled.

Code locking and unlocking

Code locking

First press and hold down "SET" key, and finally press "DEVICE" key (such as selecting TV device), and the indicator light will turn on; now please enter 9911 and the code will be instantly locked; no data through any operation can overwrite this code.

Code unlocking

First press and hold down "SET" key, and finally press "DEVICE" key (such as selecting TV device), and the indicator light will turn on; now please enter 9912 and the code will be instantly unlocked; the user can re-enter a code normally.

Note: when the code is locked, the user cannot switch the appliance used or enter the remote control code until code unlocking is carried out for the locked appliance.

Restore to factory defaults

Press and hold down "SET" key, and finally press "DEVICE" key, and now the indicator light is on; please enter 9990, and this remote control will be restored to factory defaults.

Special notes:

1. Please make sure that the infrared emission end of this remote control aims properly at the counterpart of the original remote control of the appliance, and that the two controls keep a working distance.
2. This remote control cannot add any new function to any appliance; therefore this remote control cannot be used if your appliance does not have an emitting and receiving device.
3. When putting batteries into this remote control, please check and make sure that all batteries are at the correct polarity.
4. In case of improper operation, this remote control may not be normally used and controlled; under such circumstances, please try to take out the batteries and reinstall them in 20 minutes, and the remote control will be back to normal.

Technical parameters

Remote control distance: larger than 8 meters (depending on the machine types)

Power: DC 3V

This company reserves the right of final interpretation for this instruction manual and it will make no specific notice in case of changings for the design and technical data.

SAT	CODE
DTS	1116
DUMONT	0323,0326
Durabrand	1144
DYNASAT	0364,0947,1347
ECHOSTAR	0355,0368,0380,0381,0390,0432,0446,0580,0745,0958, 1134,1177,1178,1181,1232,1304,1305,1356,1362
ELEMIC	1212
ELIN	0350
ELSA	0923,1304,1305
ELTA/SAT	0377
EMME ESSE	0364,0365,0382,0745
EROSAT	0421
EURIESULT	0385,0386
EUROGRAFF	0921
EUROSAT	0377,0421
EXPER	0419
FAST	0364
FALCON	0390
FERGUSON	1174,1211
FIDELITY	0371
FILMNET	0315
FINEPASS	0967,1363
FINLUX	0323,0324,0326,0350
FM	0377
FOBEM	0408,0525
FOCUS	0569,0930,1304,1305,1318,1354
FORTEC STAR	0941,1369
FRACARRO	0345,0347,0364
FranceTelecom	1123
FRAUHOLLE	0452
FreeboxTV	1124,1169
FreeView	1119,1127,1128,1130,1142,1143,1144,1145,1148,1149, 1150,1152,1170
FTE	0370,0382,0388
FUBA	0322,0339,0343,0355,0368,0386,0390,0391
FUGBAT	0932,1297,1344
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TEC	0250,0261,0278,0283,0290
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S.LORENZ	0272,0278,0289
SABA	0267,0268,0269,0290,0571,0899,0900
SAISHO	0259,0261
SALORA	0250,0262,0275,0278,0291
SAMBERS	0255,0261,0289,0290
SAMSUNG	0250,0252,0265,0278,0286,0906
SANSUI	0283,0284,0285,0290
SANTEC	0903
SANYO	0259,0262,0264,0272,0277,0278
SAVEMA	0289
SCHNEIDER	0250,0252,0261,0272,0283,0286,0289
SCOTT	0278,0289
SEG	0261,0283,0286,0902
SELECO	0250,0252,0265,0273,0290,0900,0902,0908
SENTRA	0262,0283
SENTRA	0289
SETRON	0283
SHARP	0261,0264,0265,0289
SHINKO	0261,0283
SHINTOM	0261,0283
SHIVAKI	0252,0289
SIAREM	0271,0272
SIEMENS	0250,0253,0254,0255,0278
SILMA	0252
SILVA	0289
SILVER	0278
SIMKO	0261
SINGER	0250,0278,0286,0287
SINUDYNE	0250,0251,0252,0263,0275,0284
SOLAVOX	0272,0275,0262
SONAMEC	0261
SONITRON	0289
SONOKO	0250,0278,0903
SONOLOR	0264
SONTEC	0250
SONY	0256,0257,0258,0259,0287,0579
SOUND MASTER	0250
SOUTHERN CROSS	0250
SOYNTECH	0259,0256,0257,0258
SPECIAL	0289
STANLITE	0289
STERN	0290
STRONG	0261,0283
STZ	0261
SUNSTAR	0261
SUPERTEC	0250
SUPERTECH	0261
SUPRA	0250,0261,0283,0289
SYLVANIA	0261
SYNHONIC	0261
T.FERGUSON	0290
TALENT	0253
TANDY	0289

VCR	CODE
KAPSCH	0272
KARCHER	0250
KENDO	0284
KENNEDY	0900,0908
KENWOOD	0276,0278,0290
KOBIC	0271
KOENIG	0271,0286
KOERTING	0250,0252
KOLSTER	0250
KRONNE	0276
KTV	0289
KUBA ELETRONIC	0253,0254,0260,0261,0278,0289,0290
KUNYA	0290
LANDPORT	0289
LAVIS	0283
LENCO	0283
LENOIR	0250,0278,0289
LEYCO	0250,0283
LIESENKOTTER	0252
LIFE	0252
LLOYD	0261
LLOYDS	0261,0290
LOEWE	0250
LOEWE OPTA	0250,0252,0255,0289
LOGIK	0259,0265
LUXON	0261,0283
LUXOR	0272,0278,0279,0282,0291
M.ELECTRONIC	0250,0261,0262,0276,0282,0283,0289
MAGNADYNE	0250,0252,0271,0272,0278,0289,0290
MAGNASONIC	0278,0290
MAGNAFON	0272
MANESTH	0261,0283
MARANTZ	0252,0255,0264,0289
MARTA	0289
MATSUI	0259,0272,0284
MAXAM	0283
MAXELL	0283
MAXIMAL	0278
MAXWELL	0250
MCE	0250
MEMOREX	0261,0278,0289
MEMPHIS	0283
METZ	0253,0254,0255
MINOLTA	0262,0290
MISC	0263
MITSUBISHI	0250,0253,0254,0259,0291,0907
MONEXE	0261
MTC	0261
MULTITECH	0250,0252,0261,0283
MURPHY	0261,0272
NAKAMURA	0261
NEC	0259,0276,0290
NECKERMANN	0250,0251,0252,0253,0255,0256,0257,0272,0278,0286,0290
NECOLA	0289
NEI	0250,0252
NESCO	0261
NEWTECH	0250
NIKKAI	0289
NORDMENDE	0263,0266,0267,0268,0269,0271,0273,0274,0290,0899,0900
OCEANIC(ITT)	0262,0264,0272,0278,0279
OKANO	0283
OLYMPUS	0260
OMEGA	0261
ORAVA/OTF	0250
ORION	0250,0259,0261,0263,0284,0290
OSAKI	0250,0261,0283,0289
OSIO	0289
OTTO VERSAND	0250,0251,0252,0253,0254,0256,0257,0560,0271,0276
P.CINEMA	0255
P.MARCONI	0290
PAEL	0255
PALLADIUM	0252,0255,0261,0272,0276,0278,0290
PALSONIC	0261,0289
PANAMA	0250
PANASONIC	0253,0260,0269,0272
PANORAMA	0289,0903
PATHE CINEMA	0255
PALLADIUM	0252,0255,0261,0272,0276,0278,0290
PALSONIC	0261,0289
PANASONIC	0260,0269
PANORAMA	0289
PCM	0250,0289

TV	CODE
A.R.SYSTEMS	0102,0154,0156
ACCENT	0167,0187
ACTION	0167
ADMIRAL	0133,0167,0218,0232,0233,0245,0247,0742,0744
AGASHI	0102,0105
AIKO	0155,0167,0177
AIM	0101,0102,0103,0105,0156,0169,0188,0236
AIOSTAY	0167,0230
AIWA	0504,0660,0717
AKAI	0102,0103,0105,0110,0130,0155,0164,0167,0169,0176,0177,0188,0192,0207,0209,0216,0227,0229,0230,0231,0246,0249,0534,0550,0698
AKI	0155
AKIRA	0101,0104
AKURA	0101,0102,0167,0177,0187,0227,0229
ALBA	0102,0177,0230,0501
ALBIRAL	0102,0105,0149,0154,0156,0181,0182,0187,0205,0210,0230
ALHORI	0155
ALLOGRAN	0155,0220,0223,0544
AMPLIVISION	0155,0156
AMSTRAD	0105,0167,0187,0188,0233,0497
ANEX	0102
ANGLO	0187
ANITECH	0102,0105,0127,0167,0205,0210,0234
ANSONIC	0102
ANTECNO	0177
ARCELIK	0102,0115,0191,0200,0230,0239,0242,0403,0487,0585
ARDEM	0403
ART TECH	0102,0167,0209
ASA	0114,0124,0125,0131,0132,0136,0218,0231
ASBERG	0102,0105,0127,0207
ASTHON	0102
ASTON	0473
ASTRA	0102,0105,0156,0164,0167,0230,0465,0477,0696,0697,0710
ASTRO SOUND	0102,0156,0205,0210,0230
ASUKA	0177,0230
ATAKI	0465
ATLANTIC	0102,0107,0115,0234,0544
ATORO	0167
AUDIO STAR	0177,0465
AUDIOSONIC	0102,0105,0115,0149,0154,0155,0167,0177,0187,0205,0215,0221,0403,0551,0733
AUDIOSTAR	0177,0465
AUDIOTON	0155,0167,0177,0234,0465
AURORA	0133,0155,0167,0169
AUSIND	0121
AUTOVOX	0102,0124,0129,0130,0151,0155,0167,0169,0209,0220,0223,0503,0544,0545,0695,0744
AUVISAT	0734
AWA	0102,0105,0155,0161,0167,0169,0209
BAIRD	0209,0236
BANG & OLUFSEN	0102,0105,0133
BARCO	0133,0144,0145,0147,0181,0182,0184,0230,0236
BASIC LINE	0102,0177,0220,0223,0224,0465,0727
BAUR	0101,0102,0104,0105,0110,0111,0112,0158,0159,0167,0220,0222,0223,0227,0246,0723
BAZIN	0138,0155,0221
BEKO	0009,0037,0038,0040,0041,0042,0043,0102,0105,0115,0191,0200,0221,0230,0239,0242,0244,0249,0403,0478,0487,0585,0720,0733
BEKOTEKNIK	0106
BEON	0207
BIFONIC	0155,0167
BIGSTON	0167,0169,0187
BLAUPUNKT	0110,0111,0112,0113,0117,0119,0154,0161,0171,0173,0176,0464,0498,0551
BLAUSONIC	0155
BLUE STAR	0230
BLUESKY	0102,0727,0734
BRENDSTAR	0167
BRIONVEGA	0102,0103,0133,0135,0136,0144,0152,0153,0202,0232,0233,0503,0509,0721
BRITANNIA	0102,0155,0228
BROTHER	0187,0477,0708
BRUNS	0133,0203,0205,0210,0227
BSR	0221,0226,0497,0501,0546
BUSH(ATAKI)	0222,0229,0230,0465
CAMPER	0221
CAPSONIC	0102,0187
CARTEL	0895
CASIO	0102,0103
CBM	0127

VCR	CODE
CONDOR	0250,0278
CONIC	0250
CONTIN.EDISON	0272,0290
CORVUS	0261
CROSLEY	0272
CROWN/ONWASAKY	0261,0272,0283
DAEWOO	0250,0251,0704,0902,0903
DANSAI	0283
DE GRAAF	0252,0261,0278
DECCA	0250,0252,0259,0261,0264,0290
DEMA COLOR	0278
DESMET	0250
DOMOH	0289
DUAL	0250,0252,0261,0290
DUAL-TEC	0250,0252,0261,0290
DUMONT	0250,0252,0261,0278
DYNATECH	0261
EDAN LINE	0278
EDISON	0283
ELBE	0261,0276,0278,0289
ELEKTA	0903
ELIN	0282,0250
ELTA	0261,0283
EMERSON	0250,0260,0278,0289
ESSELTE	0261,0283
EUMIG	0278
EUROMAN	0250
EXCEL	0278
FAIR VIDEO	0289
FENNER	0250,0283
FIDELIS	0250
FIDELITY	0261,0275,0283
FINLANDIA	0252,0278
FINLUX	0250,0252,0260,0261,0271,0278,0282,0283,0289
FIRST LINE	0261,0264,0283,0289
FISHER	0278
FORMENTI	0250,0252,0272,0278,0289
FUJITSU	0261
FUNAI	0261,0283
GBC	0250,0271,0283,0903
GE	0290
GEBER	0272
GEC	0252,0272,0283
GELESO	0271,0283
GENERAL	0255,0261,0283
GOLDHAND	0283
GOLDMEDAL	0261,0283
GOLDSTAR	0250,0253,0261,0276,0289
GOODING	0902
GOODMANS	0261,0264,0283
GR 15	0283
GRAETZ(ITT)	0272,0278,0290
GRANADA	0250,0252,0255,0260,0262,0264,0272,0275,0278,0290
GRANDIN	0272,0283,0289
GRONIC	0250
GRUNDIG	0250,0251,0253,0254,0255,0905
H.KARDOM	0276
HANSEATIC	0250,0252,0253,0254,0272,0276,0283,0289
HANTAREX	0252,0289
HCM	0283
HINARI	0283
HITACHI	0250,0261,0262,0272,0281,0282,0290
HMV	0283,0290
HYPER	0250,0283
HYPSON	0250
IMPERIAL	0250,0261,0278,0286
INNO.HIT	0252,0272,0283,0286,0903
INTERBUY	0283
INTERFUNK	0250,0252,0272
INTERVIDEO	0261,0289
INTERVISION	0250,0261,0276,0283
IRRADIO	0250,0252,0278,0283,0289
ITT/NOKIA	0250,0262,0264,0265,0272,0275,0278,0282,0286,0289,0290,0898
JASON	0289
JENSEN	0290
JET POINT	0252
JVC	0290,0779,0900
K.MART	0289
KAISER	0252
KAISUI	0283
KAMAR	0252
KAMBROOK	0252,0261
KANSAI	0261,0283

TV	CODE
VISIOREX	0154
VISTAR	1013,0224,0231
VOXSON	0121,0133,0205,0210,0218
W.WESTINGH..	0101,0102,0115,0127,0155,0205,0207,0230,0234
WALKIE	0108
WALTHAM	0149,0221,0230
WATSON	0102,0105,0171,0187,0218,0230,0234,0235,0497,0532 0727
WATT RADIO	0155,0156,0205,0207,0210,0213,0220,0223,0235,0497,0532,0727
WEGA COLOR	0161
WEGA VISION	0161
WEGAVOX	0102,0149,0167,0207,0229,0532,0727
WELTBLICK	0102,0234
WESTON	0230
WHITE WESTING	0101,0102,0107,0115,0125,0127,0155,0167,0202,0205,0207,0230,0234,0544
WINERSAT	0167,0465
WINSTON	0102,0167,0465
WINTERNITZ	0167,0169,0170,0496
WORLD TECH	0102
YOKO	0102,0155,0167,0187,0191,0221
YORK	0177
YUMATU	0102,0167,0187,0207,0482
ZAMPA	0219
ZIRWATEL	0167,0700

VCR	CODE
ACCENT	0261,0283
ADMIRAL	0278
AGASHI	0250,0283
AIOSTAY	0261
AIWA	0261,0263,0280,0578,0591,0660
AKAI	0250,0252,0253,0254,0256,0265,0279,0282,0285,0287,0290,0908
AKIBA	0283
ALBIRAL	0250
AMSTRAD	0261
ANGLO	0261
ANITEC	0252,0283
APHEL SOUND	0261
ART TECH	0252
ASA	0252,0261,0289
ASTRA	0261
ASUKA	0283,0289
ATLANTIC	0250,0278,0289
AUDIO DYN.	0276
AUDIOSONIC	0283,0289
AUTHENTIC	0290
AUTOVOX	0252,0289
AWA	0250,0265
AWATRON	0261
BAIRD	0278,0279,0290
BANG & OLUFSEN	0250,0252,0290
BARID	0278
BAUER-BOSCH	0252,0253,0254,0255
BAUR	0250,0253,0254,0256,0257
BEAULIEU	0252
BLAUPUNKT	0250,0253,0254,0255,0260,0904,0905
BONDSTEC	0283
BRAUN	0260
BRIONVEGA	0252,0272,0278,0290
BRUNS	0283
BUSH(ATAKI)	0283
C.EDISON	0272,0290
CANON	0255,0260
CASIO	0261,0285
CGE	0250,0261,0278,0290
CGM	0278,0289
CIE	0284
CIMLINE	0283
CITIZEN	0289
CLARIVOX	0250,0255
CONCORDE	0250

TV	CODE
CENTURY	0133,0149
CGE	0102,0105,0115,0127,0143,0149,0167,0172,0177,0207,0221,0229,0230,0234,0247,0741
CGM	0102,0106,0115,0167,0187,0403,0465,0532
CHANGHONG	1000,1001,1002,1011,1023,1035,1058,1062,1067,1079,1082,1084,1085,1086,1087,1088,1089,1090,1091,1093,1094,1095,1096,1097,1099,1100,1102,1103,1105
CIE	0167,0169,0177,0546
CIHAN	0102,0105,0221,0230
CLARIVOX	0102,0105,0128,0133,0149,0154,0156,0203,0214,0215
CLATRONIC	0490
COFADEL	0147,0191,0197,0201
COMPUTRON	0102,0105,0167,0188,0231,0512
CONCORDE	0167
CONDOR	0102,0105,0127,0167,0187,0205,0207,0210,0234,0738
CONIC	0164
CONRAD	0727
CONTEC	0155,0157,0161,0167,0187,0546
CONTI	0102,0105
CONTIN.EDISON	0137,0146,0147,0174,0191,0192,0197,0200,0201,0543
CONTIN.FR	0102,0512
COSMEL	0167,0215
COSMOS/TOKAI	0102,0167
CROSLEY	0116,0127,0133,0143,0149,0172,0235
CROWN/ONWASAKY	0102,0106,0115,0116,0127,0167,0177,0187,0188,0207,0403,0465,0532
CRYSTAL	0102
CS ELECTR.	0177
CTC CLATRONIC	0102,0115,0127,0149,0155,0177,0187,0205,0207,0210,0490
CURTIS	0105
CYMATIC	0154,0155,0221,0230
DAEWOO	1004,0102,0103,0105,0149,0151,0155,0167,0169,0177,0209,0216,0466,0551,0704,0705
DANSAI	0164,0187
DAWA	0102,0105
DE GRAAF	0222
DECCA	0102,0104,0105,0154,0155,0160,0204,0209
DENVER	0102,0167
DESMET	0102,0105,0154,0167,0230,0234
DIAMOND	0167,0169
DIGILINE	0102
DIXI	0167
DOMEOS	0102,0702
DOMOH	0102
DORIC	0121,0235,0741
DUAL	0101,0102,0105,0108,0114,0149,0155,0167,0220,0223,0227,0229,0230,0233,0283,0497
DUAL-TEC	0101,0102,0105,0108,0114,0149,0155,0167,0220,0223,0227,0229,0230,0233,0497,0551,0701,0702,0723
DUMONT	0102,0105,0114,0125,0127,0131,0132,0133,0171,0205,0207,0210,0235
DUX	0102,0105
D-VISION	0102
DYNAMIC	0167
DYNISTY	0102,0169
EDAN LINE	0102,0236
ELBE	0109,0154,0155,0156,0161,0197,0202,0230,0232,0233,0235,0245,0247,0555,0726,
ELECTRO TECH	0167
ELEKTRONSKA	0154,0230
ELIN	0102,0105,0114,0155,0167,0227,0231
ELITE	0171,0234,0742
ELMAN	0205,0210,0230,0497
ELTA	0180
EMERSON	0102,0105,0106,0115,0125,0127,0131,0133,0149,0155 0187,0205,0210,0230,0234
ENGEL	0203,0230
ETRON	0167,0188,0513
EUROCOM	0230
EUROLINE	0732
EUROMAN	0102,0105,0116,0155
EUROPHON	0149,0154,0155,0205,0210,0213,0230
EXPERT	0107,0198,0220
FAGOR	0230,0467
FALCON	0167
FENNER	0102,0105,0167,0169
FIDELIS	0102,0105,0155,0164,0167
FIDELITY	0146,0149,0155,0164,0177,0186,0188,0200,0220,0223,0228,0230
FILSAI	0155,0167
FINLANDIA	0221,0222
FINLUX	0102,0105,0114,0121,0124,0125,0131,0132,0151,0154,0167,0205,0207,0209,0210,0227,0231,0235,0511,0550,

TV	CODE
FINLUX	0698
FIRST LINE	0102,0103,0105,0128,0149,0155,0156,0157,0167,0169,0209,0220,0223,0224,0227,0229,0230,0232,0234,0727
FISHER	0106,0114,0133,0155,0157,0161,0162,0163,0166,0203,0220,0223,0235,0236,0246,0723
FLINT	0102,0216,0726
FORMENTI	0102,0105,0115,0121,0127,0133,0154,0155,0167,0171 0187,0205,0207,0210,0221,0230,0234,0235,0497
FORTRESS	0133
FRABA	0102
FRONTECH	0102,0149,0151,0155,0164,0167,0222,0230,0497
FUJITEC	0102
FUJITSU	0102,0108,0132,0155,0164,0177,0205,0210,0226,0233,0544,0545
FUMEO	0226
FUNAI	0161,0167,0187,0546
GALACTEX	0155,0187
GALAXI	0102,0125
GALAXIS	0102,0115,0125,0207
GALAXY	0110,0115,0125,0127,0155,0205,0207,0210
GALERIA	0167
GBC	0102,0105,0149,0161,0167,0169,0177,0188,0209,0218 0230,0235,0465
GE	0200
GEBER	0220,0223,0224
GEC	0141,0154,0155,0161,0209,0220,0221,0222,0223,0547
GELESO	0149,0154,0167,0169,0177,0218,0230,0235
GENERAL ECHNIC	0167
GENERAL STAR	0463
GIANT	0102,0105,0155,0195,0495
GITEM	0102,0105,0111,0112,0191,0200,0224,0225
GM	0102,0167,0187
GMG	0102,0167,0187,0207
GOLDFUNK	0532
GOLDSTAR	0102,0105,0108,0117,0123,0151,0155,0164,0167,0206,0211,0222,0226,0230,0463,0533,0702,0730,0735
GOODING	0512
GOODMANS	0102,0103,0105,0155,0161,0167,0169,0177,0188,0200,0230,0478,0532,0551
GORENJE	0102,0106,0115,0116,0220,0223
GPM	0167,0177
GRAETZ(ITT)	0478,0699,0729,0733
GRANADA	0102,0105,0128,0154,0155,0161,0176,0184,0195,0221,0222,0228,0235,0239,0248,0289,0495,0553,0712
GRANDIN	0102,0198,0220,0230,0234,0235,0726
GREAT WALL	0187,0215,0216
GRENADIER	0102,0167,0230,0463
GRONIC	0102,0105,0155,0167,0203,0205,0210,0230
GRUNDIG	0102,0103,0105,0110,0111,0112,0113,0117,0126,0128,0167,0234,0512,0549,0551,0722,0905
GTT	0102,0167,0207,0465
HAMERSTEIN	0155,0168,0187,0189
HAMPTON	0155,0235
HANIMEX	0177
HANSEATIC	0101,0102,0111,0112,0154,0155,0161,0167,0220,0222,0223,0227,0234,0235,0546,0551,0705,0730
HANTAREX	0102,0154,0167
HCM	0155,0167,0180,0230,0465
HEMMERMANN	0155,0199,0205,0210,0220,0223
HEXA	0214,0230
HIGASHI	0155
HILINE	0167,0187,0188
HINARI	0102,0160,0164,0167
HISENSE	0222,0236
HISONIC	0166
HITACHI	1012,1017,1024,1108,1113,0103,0155,0161,0164,0192,0197,0206,0220,0221,0222,0223,0230,0231,0235,0242,0243,0244,0496,0506,0547,0548,0550,0551,0705,0724,0741
HOSHAI	0465
HUNTER	0592
HYPER	0102,0151,0155,0167,0170,0177,0188,0221,0230,0465,0496
HYPSON	0102,0105,0167,0187
HYUNDAI	0102,0105,0531,0709
IBERVISAO	0220,0223,0230
ICE	0177,0187,0188
IEG	0155
IMPER	0102,0103,0105,0167,0177,0187,0477
IMPERIAL	0102,0105,0115,0127,0143,0149,0172,0187,0207,0221,0229,0230,0247
INDESIT	0193
INNO.HIT	0102,0105,0123,0149,0154,0155,0164,0167,0177,0188,0209,0235,0465

TV	CODE
TECHNISAT	0102,0533
TECHNOL	0101,0155,0167,0169,0187
TEDELEX	0102,0105,0155,0167,0221,0230
TEINEL	0102,0230
TEKNANT	0102,0167
TELE+	0102,0167,0461
TELECHROM	0177,0465
TELEFAC	0167
TELEFUNKEN	0102,0148,0149,0154,0167,0168,0169,0172,0191,0192,0193,0195,0196,0200,0201,0230,0476,0490,0500,0533,0672,0700,0741
TELEOPTA	0167
TELEPOINT	0102
TELESTAR	0102,0167,0187
TELETECH	0102,0149
TELEVES	0087,0088,0089,0090,0091
TELEVIDEON	0102,0105,0121,0155,0221,0234,0235
TELKOM	0102,0230
TELRA	0102,0200,0230
TEMPEST	0155,0167,0177
TENSAI	0102,0105,0114,0132,0149,0155,0164,0167,0169,0177,0205,0210,0211,0213,0230,0234,0532,0727
TESLA	0156
TESLASLOV	0102,0133,0184,0230
TETRAN	0230,0234
THOMSON	0102,0121,0128,0133,0146,0147,0174,0184,0190,0191,0192,0197,0200,0201,0221,0230,0504,0508,0512,0543,0658,0700
THORN	0239,0511
THORN FERGUSON	0101,0102,0103,0105,0110,0111,0112,0114,0127,0128,0131,0132,0148,0154,0155,0156,0158,0159,0161,0163,0186,0187,0189,0191,0192,0198,0200,0204,0208,0209,0212,0220,0221,0223,0224,0227,0228,0233,0235,0236,0237,0239,0246,0248,0281,0283,0396,0495,0496,0500,0511,0515,0548,0551,0700,0730
TIBISHI	0155,0167,0177,0187
TOBO	0167
TOKAI	0102,0105,0167,0187
TOKYO	0465
TOMITA	0155
TOPVISION	0102,0221,0230,0403
TOSHIBA	0101,0155,0161,0237,0238,0239,0247,0249
TR.CONTINENTS	0102,0154,0218
TRANSONIC	0102,0105,0187,0207
TREVI	0167,0177,0465
TRIAD	0102,0105,0156
TRIDENT	0102,0592,0716
TRILUX	0102,0403
TRISTAR	0186
TRIUMPH	0125,0497
TRIVISION	0167
TTR	0107,0727
TV STAR	0221
TVD	0544,0727
UHER	0107,0129,0221,0234,0544,0723,0727
ULTRAVISION	0146,0156
ULTRAVOX	0101,0102,0105,0110,0133,0149,0155,0205,0210,0218,0235,0249,0535
UNIC RADIO	0106,0154,0155,0227,0230
UNITED	0727,0739
UNIVERSUM	0101,0102,0105,0110,0111,0112,0114,0116,0121,0123,0124,0125,0128,0131,0132,0151,0155,0158,0160,0161,0163,0164,0167,0171,0172,0173,0187,0220,0223,0224,0227,0230,0231,0553,0712,0727,0741
UNIVOX	0102,0105,0133,0149,0156,0220,0230
UNK	0102
URANYA	0102,0121,0154,0167,0169,0205,0210,0234,
UTAX	0155,0167
VANGUARD	0155,0167,0222
VECO	0102,0105,0167
VESTEL	0102,0103,0105,0115,0127,0149,0165,0186,0222,0229,0230,0532,0657,0727,0732,0961
VEXA	0102,0103,0155,0167,0177,0222,0465
VICEROY	0155,0164,0187
VIDEOCON	0105
VIDEOLOGIC	0155,0177
VIDEOMAC	0155,0187
VIDEOTON	0102,0151,0154,0155,0207,0217,0221,0222,0229,0230,0507
VIDIKRON	0234
VIDION	0167
VISA	0121,0218,0736
VISAELECT	0127,0155,0230
VISION 2000	0102,0167

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SCHNEIDER	0102,0103,0105,0108,0129,0151,0155,0167,0175,0177,0184,0188,0220,0221,0222,0223,0229,0230,0233,0235,0497,0533,0551,0701,0727
SCOTT	0102,0234
SEG	0102,0105,0127,0149,0155,0205,0210,0230,0532,0727
SELECO	0102,0103,0105,0107,0108,0151,0161,0200,0202,0218,0219,0226,0230,0232,0233,0247,0544,0545,0695,0742,0744
SEMP	0249
SENDAY	0102
SENTRA	0239,0289
SET	0102,0230
SHARP	0161,0178,0179,0180,0186,0289
SHIVAKI	0102,0103
SHOV	0102,0103,0105,0167,0187,0683,0711,0740,0744
SHOW	0582,0592
SIAREM	0133,0154,0205,0210,0235
SICATEL	0156,0230
SICE	0110
SIDEC	0230
SIEL	0127
SIEMENS	0102,0105,0110,0111,0112,0113,0117,0128,0154,0163,0164,0171,0173,0494,0553,0712
SILMA	0102
SILVA	0167
SILVER	0177,0187
SIMTEL	0102,0177,0187,0465,0723
SINGER	0102,0105,0133,0149,0154,0155,0167,0188,0198,0205,0210,0235,0247,0497
SINUDYNE	0102,0103,0133,0177,0199,0202,0205,0210,0220,0223,0233,0235,0240,0241,0263,0497,0501,0514,0533,0546,0739
SIREL	0154
SKAY	0465
SKYMASTER	0992
SKY-RGB	1003,1010,1032,1034,1036,1039,1040,1042,1043,1044,1046,1047,1049,1050,1051,1052,1053,1055,1056,1057,1060,1061,1063,1064,1065,1066,1068,1069,1070,1071,1072,1073,1074,1075,1076,1077,1078,1080,1081,1083,1092,1098
SLAVA	0155
SOLAVOX	0206,0220,0228,0231
SONITRON	0133,0155
SONOKO	0102,0105,0155,0167,0177,0187,0465
SONTEC	0102,0115,0151
SONY	0158,0159,0160,0161,0192,0396,0719,1005
SOUND COLOR	0102,0727
SOUND MASTER	0167
SOUTHERN CROSS	0151
SOWTECH	0101,0151
SPECTRA	0102,0477,0696,0697,0708,0715
STANDARD	0149,0155,0167,0177,0234
STAR	0105
STAR LINE	0102
STARLITE	0167
STARLUX	0167
STERN	0107,0108,0191,0202,0218,0226,0232,0233,0544,0742,0744
STVI	0155,0230
SUNKAI	0102,0241,0465
SUNNY	0188,0567,0581,0592,0741
SUNSTAR	0102
SUNWATT	0102,0105
SUPERLA	0154,0230,
SUPERSONIC	0101,0188,0236,0465
SUPERTEC	0102,0105,0167,0177
SUPRA	0102,0166,0167,0169,0463
SUPREME	0125
SYC LINE	0167
SYDNEY	0154
TADISTAR	0207
TALENT	0110
TANDBERG	0118,0124,0135,0136,0140,0154,0191,0197,0233
TANDY	0198,0221,0222
TASHIKO	0155,0222,0547,0553,0712
TATUNG	0104,0110,0154,0155,0160,0204,0209
TCL	0708,1007,1014,1015,1016,1018,1019,1020,1022,1025,1026,1027,1028,1029,1030,1032,1033,1037,1038,1041,1045,1048,1054,1059,1104,1109,
TEAK	0101,0102,0105,0155,0167
TEC	0102,0108,0149,0155,0167,0229,0230,0497,0702
TECHLINE	0102
TECHNICA	0177
TECHNICS	0176,0498

TV	CODE
INF.REM.CONTR	0511
INTERBUY	0151
INTERDISCOUNT	0102,0158,0191,0192,0200
INTERFUNK	0101,0102,0105,0123,0136,0149,0154,0155,0164,0167,0173,0177,0184,0188,0191,0207,0209,0220,0223,0224,0227,0235
INTERVISION	0102,0149,0151,0155,0205,0210,0211,0212,0230
IRRADIO	0102,0105,0121,0123,0128,0151,0164,0167,0177,0187 0188,0230,0532,0551,0727
ISKRA	0154,0155,0205,0210,0230,0403
ITC	0155,0230
ITL	0102,0167
ITT SCHAUB LORENZ	0102,0167,0220,0223,0230,0235,0290
ITT/NOKIA	0101,0102,0105,0107,0114,0115,0131,0167,0169,0177 0207,0217,0220,0221,0222,0223,0224,0227,0228,0230,0231,0232,0235,0236,0246,0465,0491,0511,0532,0544,0550,0698,0727
JET POINT	0102,0189
JINLIPU	0167
JOHNSON	0155
JVC	0136,0161,0186,0188,0189,0514,0515,0551,0706
KAISER	0102
KAISUI	0102,0155,0167,0177,0207,0216,0465,0698,0726
KAMAR	0166
KAMBROOK	0102,0155,0187,0192,0211
KAMOSONIC	0155
KAPSCH	0107,0114,0235,0544
KARCHER	0102,0105,0106,0115,0132,0155,0156,0167,0213,0221,0222,0465
KARDON	0544,0545,0695
KAUASONIC	0592
KELVINATOR	0206
KENDO	0102,0105,0108,0149,0155,0167,0202,0205,0210,0218,0226,0232,0233,0235,0247,0544,0545,0695
KENNEDY	0108,0149,0191,0202,0226,0233,0235,0247,0544,0545,0695
KENNEX	0102,0532,0727
KERION	0102,0105
KIC	0155
KIOTA	0187
KITT	0155,0187
KIYOGIN	0102
KLARMAX	0102,0109,0154,0155,0156,0157,0181,0182,0184,0221,0230,0247,0533,0551,0726
KOBIC	0167
KOENIG	0234,0235
KOERTING	0102,0106,0133,0141,0220,0223,0234
KOLIN	1006
KOLSTER	0102,0105,0149,0151,0155,0156,0205,0210,0230
KONKA	0575,0583,1111,1112
KONTAKT	0512
KOTRON	0187
KRONNE	0155,0230
KUBA ELETRONIC	0723
KYOTO	0154,0155,0230
LAVIS	0154
LEADER	0167,0716
LEGEND	0102,0105,0155,0167,0187,0215
LENCO	0102,0105,0169,0205,0210,0227,0532,0727
LENOIR	0102,0105,0155,0167,0169,0220,0223,0465,0727
LEYCO	0102,0187,0209,0497,0546
LG	0720
LIESENKOTTER	0102,0171
LIFE	0167
LIFETEC	0727
LLOYDS	0128,0155,0167,0187,0235
LOEWE	0220
LOEWE OPTA	0101,0102,0104,0114,0133,0135,0136,0154,0155
LOGIK	0148,0160,0186
LUMA	0175,0218,0226,0233,0544,0727,0742
LUMATRON	0102,0727
LUXOR	0123,0151,0155,0206,0221,0222,0225,0227,0231,0235,0236,0507,0698
M.ELECTRONIC	0101,0102,0105,0114,0117,0123,0125,0131,0132,0133,0149,0151,0154,0167,0169,0174,0202,0205,0207,0210,0218,0220,0223,0230,0231,0235,0550,0551,0702,0723,0730,0732
MAAZ	0181,0182,0184
MACTH-ITALIA	0102
MAGNADYNE	0102,0105,0110,0133,0149,0154,0167,0205,0207,0210,0218,0220,0223,0230,0235
MAGNAFON	0102,0121,0125,0154,0155,0205,0210,0235
MAGNASONIC	0102,0105
MAGNEX	0102

TV	CODE
MANESTH	0102,0221,0224,0227,0230,0234,0239
MANHATTAN	0532
MARANTZ	0102,0105
MARECH	0234